

TITLE: Public Utility Worker II

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DEPARTMENT: Environmental ServicesREPORTS TO: Public Works Field Operations Supervisor or
Public Works/Water SuperintendentSUPERVISES: May provide lead direction to other Public Utility WorkersDEFINITION:

Performs regular and recurring installation, maintenance, and repair activities for City water, stormwater, wastewater collection, street, or park open spaces, systems and facilities. Operates a variety of light and heavy equipment to accomplish duties.

DISTINGUISHING CHARACTERISTICS

The Public Utility Worker II classification is distinguished from the Public Utility Worker I classification by responsibility for performing more complex duties, occasional lead worker responsibility, the requirement for possession of the CDL and the operation of heavy equipment.

ESSENTIAL JOB FUNCTIONS-- (Any one position may not include all of the duties listed nor do the listed examples include all tasks which may be found in positions of this class.)

General Functions:

Uses a variety of hand and power-operated tools and equipment such as shovels, picks, hand and small riding mowers, tapping machine, power hacksaw, drills, jackhammer, welders, compressor, and portable concrete saw.

Operates all departmental heavy equipment as directed including backhoe, loaders, dump truck, Vactor and VacCon, paver, roller, and tractor.

Locates all public underground facilities for excavations carried out by City crews and other utilities. Researches maps and related records. Uses City Graphic Information System (GIS) to locate City water, wastewater collection and stormwater lines to perform repairs and maintenance.

Operates light-duty trucks in picking up and delivering materials and supplies and to collect and remove debris from different locations as assigned.

Performs traffic control and flagging duties as required.

Controls vegetation by applying pesticides and other removal techniques in accordance with state regulations around public works structures and work sites.

Responds to public inquiries and service requests in a courteous and timely manner; provides information within scope of knowledge or refers to other City staff.

Wastewater Functions:

Installs or repairs sewer lines and laterals requiring excavation and construction using concrete saw, backhoe, front-end loader or hand shovel to excavate and/or grade as required and directed; backfills, landscapes, and repaves as needed.

Inspects wastewater collection lines, cross connections, and manholes manually or through remote cameras. Maintains records of inspection for new construction; re-inspects as required by insurance guarantees.

Tests and monitors mains and laterals to confirm connections, breaks, or flow direction.

Operates high velocity jet flusher combination truck to clean and restore sewer lines and lift station wet wells.

Water Functions:

Installs or repairs water main and laterals requiring excavation and construction using concrete saw, backhoe, front-end loader or hand shovel to excavate to grade as required and directed. Lays and aligns pipe, accomplishes hookups; tests installation in accordance with established procedures; and back fills excavation.

Makes service connections to water mains using special tapping equipment to install valves, lateral water lines, hydrants and meters. Lays and aligns pipe and accomplishes hookups. Flushes to test installations in accordance with established procedures; and back fills excavation.

Transportation Functions:

Installs, maintains, seals, and repairs roadways, sidewalks, and bridges. Removes unreparable road areas for excavation; prepares streets for overlays and slurry seals; patches, fills potholes, paves, and sweeps.

Maintains City lots and rights-of-way; mows, sprays, weeds, and trims trees. Removes debris and illegally dumped garbage from City property.

Maintains barricades, street signs, and other traffic control devices. Installs street signs, and all pavement markings. Collects and maintains data for computer databases of street facilities such as signs, barricades, streetlights, etc.

Conducts visual pavement distress rating of streets for inputting into the Pavement Management System.

Parks Functions:

Maintains parks, open spaces, trails and greenways; applies pesticides in accordance with state regulations. Mows, trims and edges sidewalks, islands and median strips. Pulls weeds, prunes shrubs and other related duties using hand tools.

Maintains sports fields including irrigation, overseeding, mowing, aeration, fertilization, sod repair, top dressing and weed control.

Prepares, constructs, installs, repairs and maintains park fixtures and facilities such as restrooms, shelters, play structures, exercise equipment, benches, tables, signs, paved walkways, trails and bridges. Installs and maintains irrigation systems. Repairs and reports vandalism and removes graffiti.

Performs basic carpentry and cement work, welding, and painting as necessary to accomplish primary activities.

Receives and processes incoming work orders from citizens and park users in a courteous and timely manner.

Removes and disposes of unsanitary debris, illegally dumped materials and transient camp structures.

Stormwater Functions:

Clean, repair, maintain and install stormwater pipe lines, catch basins and manholes.

Performs sump raising repair and modification. Tests sumps to determine in-place capacity.

Inspects existing stormwater lines using remote TVing equipment to record any defects in the lines that need to be repaired and to detect illegal discharges.

Inspects new construction stormwater lines using TV equipment and maintains records of inspection for new construction lines; re-inspects as required by insurance guarantees.

Responds to spills, illegal dumping and other activities affecting health of streams.

Inventories stormwater structures and updates GPS maps as necessary.

OTHER JOB FUNCTIONS

Maintains and services assigned equipment; changes oil, air filters, and mower blades. Performs basic repair of hand tools.

Prepares and maintains logs and records of daily work activity including time, materials, and equipment utilized.

Participates in snow removal and other emergency operations as necessary.

Performs other related duties as assigned including working in divisions outside normal area of assignment.

WORKING CONDITIONS:

Work is primarily performed outside in varying and extreme weather conditions for extended periods of time where employees are exposed to excessively loud noises from construction equipment, dust, and traffic. Employees risk physical hazard from mechanical and electrical equipment, exposure to live sewer systems, human debris, drug paraphernalia, hot tar and asphalt, heavy equipment, working in and around trenches, hazardous gases, fumes, paint, chemicals and pesticides. Physical effort is required to perform heavy manual labor in confined and cramped spaces and uncomfortable conditions, climb ladders, bend, reach, and stand for long periods of time. Regular lifting of objects and equipment ranging in weight from 25 to 100 lbs. is required. Subject to 24 hour call back for emergency conditions.

QUALIFICATIONS: (As applicable to area of assignment.)

Knowledge of:

- Maintenance, construction, and repair methods and procedures used in assigned area.
- Safety practices and procedures applicable to area of assignment.
- Safe and effective operating practices of light and heavy equipment used in assigned area.
- Traffic systems, signs, and signals.
- Electricity and electrically charged equipment and facilities.
- Techniques of flagging and traffic control.
- Computers and computer applications
- Proper pesticide application techniques.

Ability to:

- Operate heavy equipment and power tools used in public works maintenance operations.
- Work independently or as part of a crew.
- Perform heavy manual work under confined and uncomfortable conditions.
- Perform routine arithmetic calculations.
- Communicate effectively and courteously with City employees and the public.
- Understand and follow oral and written instructions.
- Respond to emergencies on a 24 hour basis.
- Ability to work in environments requiring the use of a respirator.
- Physical ability to perform the essential functions of the job.

Education and Experience -- Any equivalent combination of education and experience which provides the applicant with the knowledge, skills, and abilities required to perform the job. A typical way to obtain the knowledge and abilities would be:

High School diploma or G.E.D. and one year of experience in road, water, sewer, stormwater, parks maintenance or general construction.

Licenses, Certificates, and Other Requirements

One or more of the following certificates may be required depending upon area of assignment:

- Commercial driver's license with appropriate endorsements
- Class I Wastewater Collection Certification issued by the State of Oregon
- Water Distribution Certification
- ODOT Flagger Certification
- Public Pesticide Spray Applicators License
- First Aid & CPR Certification

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